Information Technology	Recommended Program of Study for: **IT-Networking**	CTE Learning that works for Nevada

Career Cluster: Information Technology	**Career Pathway: Network Systems**

9th Grade	**10th Grade**	**11th Grade**	**12th Grade**	**Postsecondary**
English I	English II	English III	English IV	College of Southern Nevada Great Basin College Nevada State College Truckee Meadows Community College University of Nevada, Las Vegas University of Nevada, Reno Western Nevada College
Algebra I	Geometry I	Algebra II	Senior Level Math Course	
Biology	Chemistry or Geoscience	Junior Level Science Course	Elective[1]	
Health / Computer Literacy	World History	US History	US Government	
Physical Education	Physical Education	Foreign Language[2] or Elective[1]	Foreign Language[2] or Elective[1]	
IT Networking I	IT Networking II	IT Networking III	IT Networking Advanced Studies	**Career and Technical Student Organizations**

Work-Based Learning	**Secondary**	**-- Articulation --**	**Postsecondary**	
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers	IT Networking I IT Networking II IT Networking III	Up to 16 credits at College of Southern Nevada Up to 3 credits at Great Basin College (subject to change)		SkillsUSA

CTE Assessments[3]	**Available Industry Certifications**		**High Wage - High Skill - High Demand Careers[4]**	
End of Program Technical Assessment for IT-Networking Workplace Readiness Skills Assessment (for Employability Skills Standards)	**Certification** Network + CISCO Certified Networking Associate (CCNA) Microsoft Technology Associate (MTA)	**Provider** CompTIA CISCO Microsoft	Network Administrator Network Technician Information Systems Administrator	Technical Support Specialist Network Architect Security Analyst

This Program of Study is based upon the requirements needed for an Advanced Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

[1] Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

[2] Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

[3] CTE Assessments will be administered during the completion level CTE course.

[4] For additional career and employment information visit http://www.nvcis.intocareers.org/ and http://www.NevadaYouth.org